Hydrogen cyanide
74-90-8 | DTXSID9024148

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 14.5 mol/L

Global applicability domain: Inside

Local applicability domain index: 7.40e-01

Confidence level: 6.65e-01

Nearest Neighbors from the Training Set

Image not found
Hydrogen cyanide
Measured: 37.0
Predicted: 14.5

Image not found
Potassium cyanide
Measured: 11.1
Predicted: 14.5

Image not found
Acetonitrile
Measured: 24.4
Predicted: 8.60

Image not found
Acrylonitrile
Measured: 1.40
Predicted: 1.84

Image not found
Chloroacetonitrile
Measured: 1.32
Predicted: 1.82